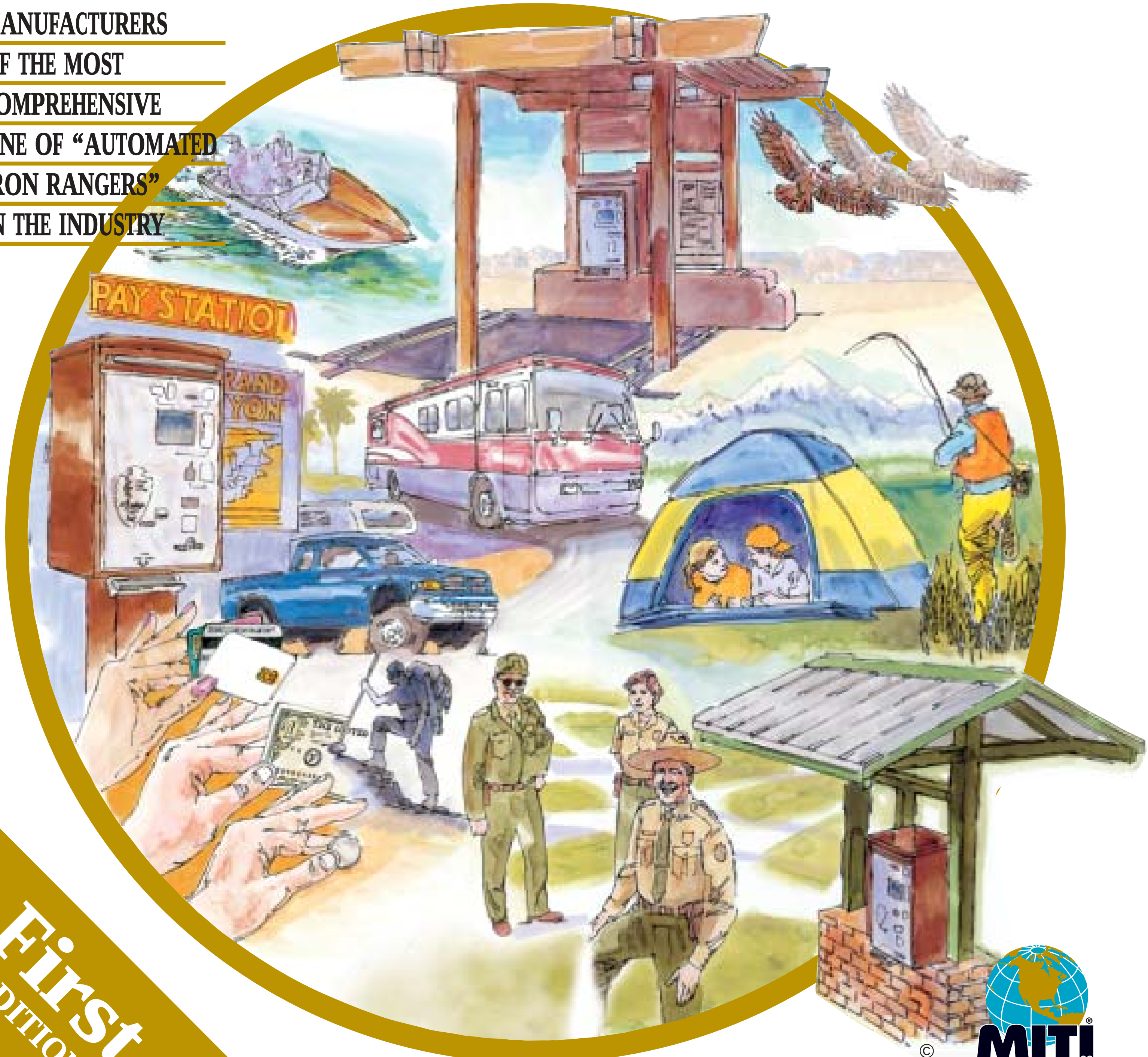
MITIVEND®
INNOVATIVE TERMINALS FOR THE 21ST CENTURY

AUTOMATED IRON RANGER®

SERVING THE PARKS & RECREATION INDUSTRY SINCE 1995

MANUFACTURERS OF THE MOST COMPREHENSIVE LINE OF "AUTOMATED IRON RANGERS" IN THE INDUSTRY



First EDITION

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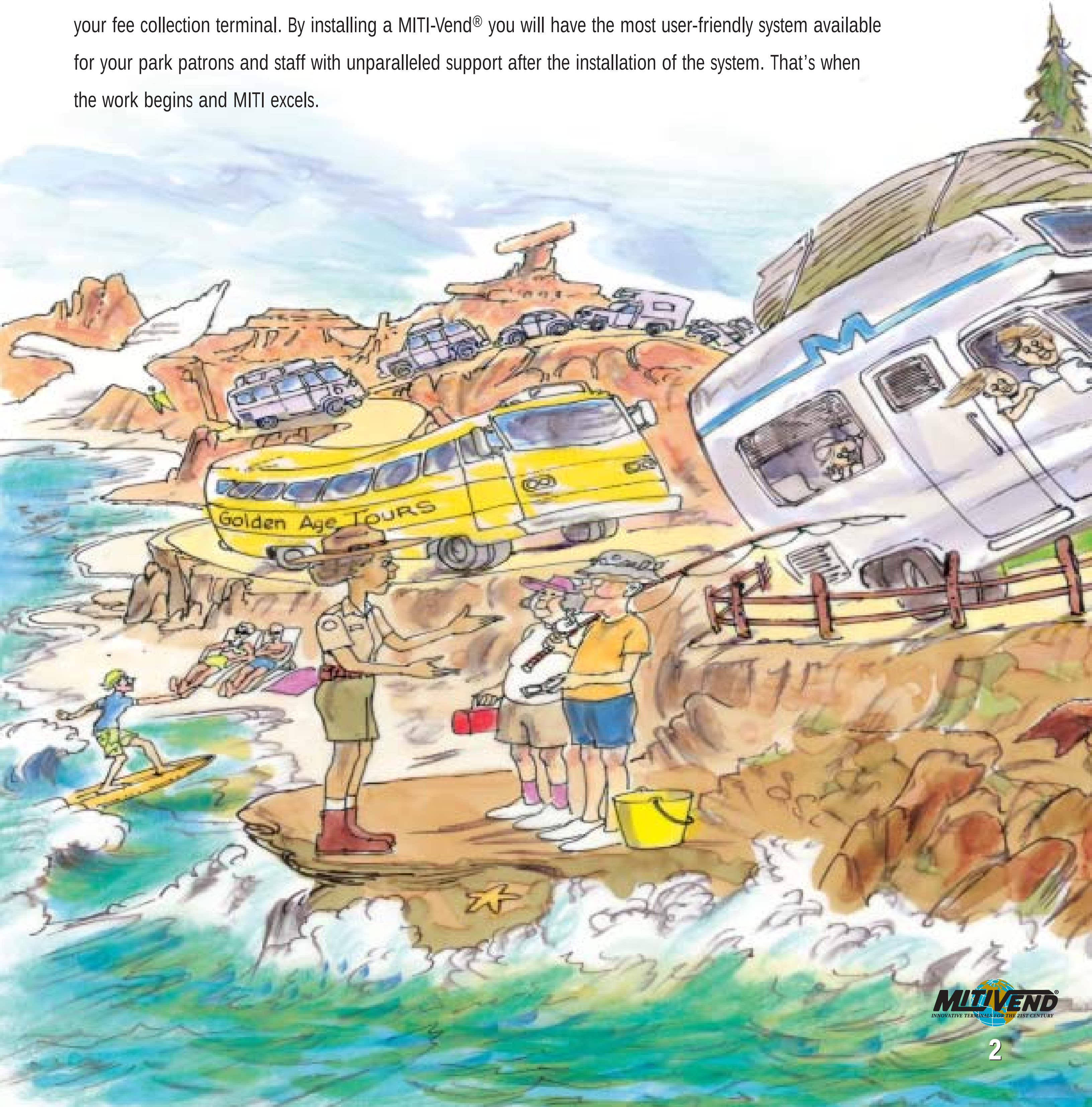
MITI CO
MANUFACTURING
MARKETING / SERVICE

PARKS & RECREATION • PARKING LOTS • CAMPGROUNDS • TRAIL HEADS • BOAT LAUNCH SITES • INTERPRETIVE CENTERS • ENTRANCE STATIONS

WHY MITI-VEND®?

MITI-Vend® Automated Iron Ranger®

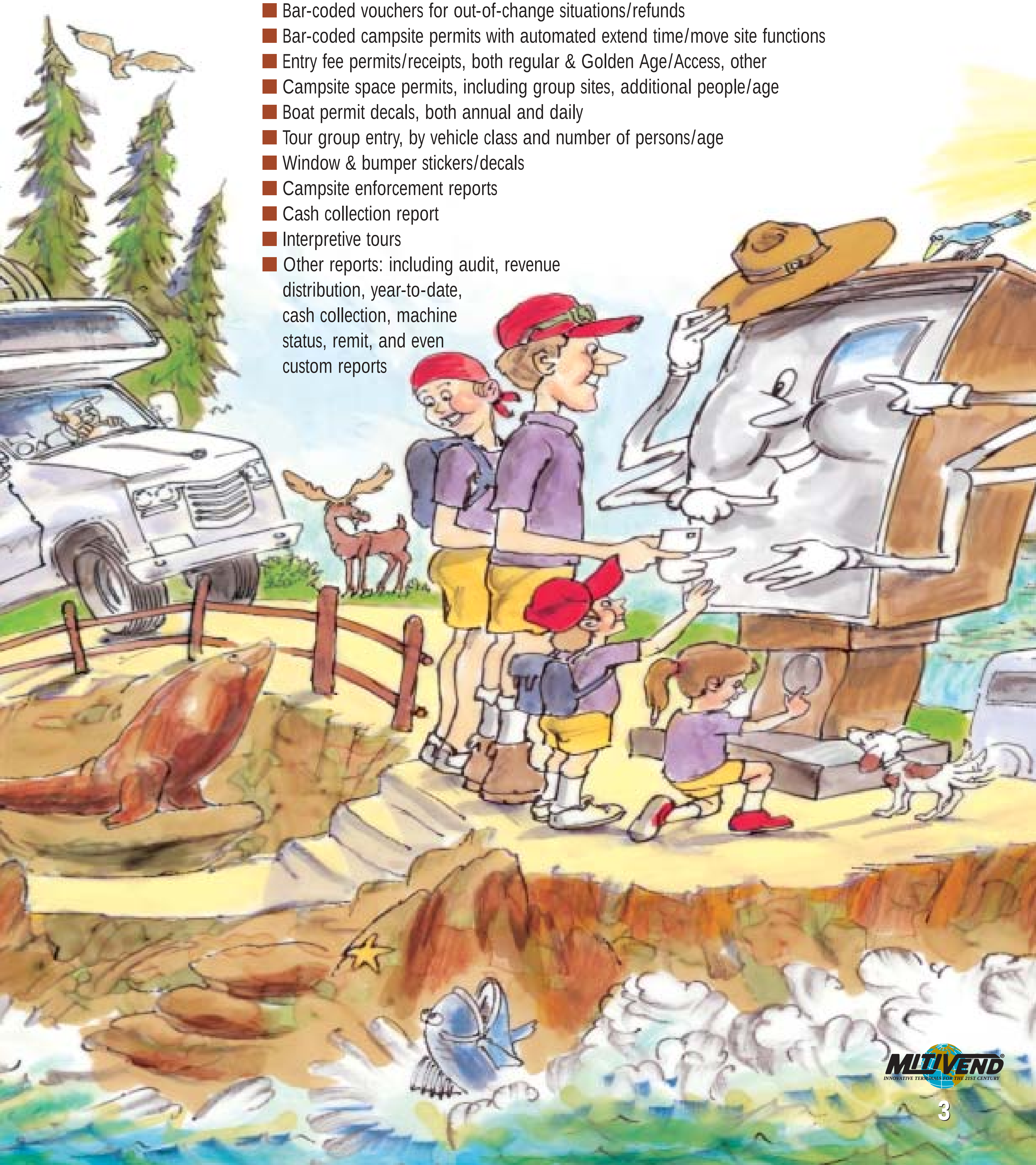
MITI-Vend® sets new standards for user fee collections and support capabilities. Providing state-of-the-art hardware and software which is by far the most user-friendly system in the industry today. Configured to be readily expandable into the future as your needs and services change over time. This brochure will bring you up to speed on automated vending possibilities, and what you will require in the way of capabilities for your fee collection terminal. By installing a MITI-Vend® you will have the most user-friendly system available for your park patrons and staff with unparalleled support after the installation of the system. That's when the work begins and MITI excels.



Specifically Developed for The Parks & Recreation Industry

Through experience gained in the field, the MITI-Vend® Automated Iron Rangers® are specifically engineered and designed to handle your current and future use fee collection requirements, including but not limited to the vending of:

- Change, receipts and special permits
- Bar-coded vouchers for out-of-change situations/refunds
- Bar-coded campsite permits with automated extend time/move site functions
- Entry fee permits/receipts, both regular & Golden Age/Access, other
- Campsite space permits, including group sites, additional people/age
- Boat permit decals, both annual and daily
- Tour group entry, by vehicle class and number of persons/age
- Window & bumper stickers/decals
- Campsite enforcement reports
- Cash collection report
- Interpretive tours
- Other reports: including audit, revenue distribution, year-to-date, cash collection, machine status, remit, and even custom reports



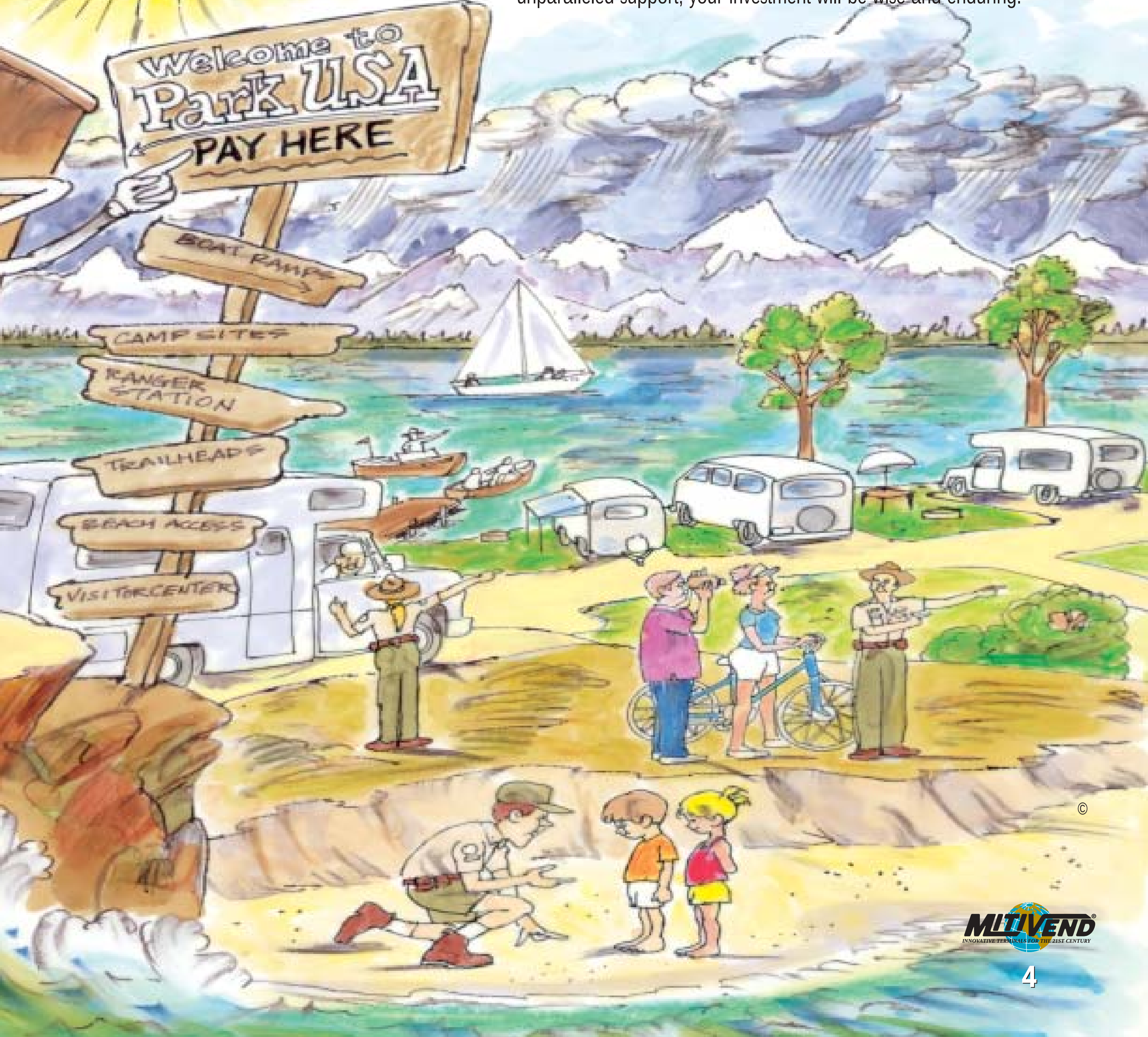
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Performance

Any complex or simple fee collection scenario, such as discount structures and license plate, zip code, or other input, can be handled readily—and seamlessly—with a minimum of use fee selection screens. MITI-Vend®'s on-screen, 8.4" keyboard color display provides full alpha-numeric input capability. This feature is found only on MITI-Vend® terminals, which provide the highest level of onboard capabilities than any other terminal in the industry today. The system capabilities and design are so unique that we are proud to announce that it has been granted a US Patent, #6,505,774 B1. Other patents pending.

Any Weather

Come rain or snow, sunny or cloudy days, the MITI-Vend® series of terminals, specifically engineered for the parks and recreation industry, will provide outstanding performance for you and your park. Built from the ground up for your rugged applications and environments, they will exceed all other systems on the market today. With ongoing unparalleled support, your investment will be wise and enduring.



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At the Heart of MITI-Vend® Automated Iron Ranger®

PC-104 Pentium™ Processor, featuring:



- Multiple Device/System Monitoring Sensors Out/In
- MITI fused Device Controller Board with Gate Pulse Relay
- Hardware Device Interface Connector Board
- MS Windows(r) /MITI (tm) platform based OS software
- PC expansion board backplane
- Sound Card
- I/O Card
- Ethernet
- 56k Modem
- Floppy Drive
- 6-10GB Hard Drive
- Spare Serial Ports
- Spare Parallel Port
- USB Port
- Video Out/In
- Speaker Out
- Keyboard port/mouse

Soft-coding of the software makes interfacing to third-party hardware a snap. By soft-coding and modular software design, your operational software can be modified/updated quickly. Onboard modem and ethernet capability will make interfacing and networking with your office PC readily available. An on-board gate relay opens and closes gates. Changes to program fee rates can be made from your office or through MITI's on-line support services program in a snap. The virtually limitless storage space ensures that you will never overwrite data and will have ample room for expanded programming, security video photos, or to add future systems and capabilities. All features are standard for all MITI-Vend® terminal series models.

Windows™-Based Operating System with Proven Performance:

The MITI-Vend® operating system software is specifically written for the parks and recreation industry by MITI. Our knowledge of terminal manufacturing and industry needs, combined with the cooperation and input from many park rangers in the field, puts us light years ahead of the competition. This coalition gives MITI insight to parks and recreation needs and desires, enabling us to develop and provide an all-inclusive operating system to fully meet and/or exceed your needs now and into the future.

- MS Windows™ platform, fully licensed by Microsoft®
- Programming written in modular design, soft-coded for flexibility
- Integration capable to third party software or hardware
- User-friendly interface
- Modules added or subtracted upon your request in a timely fashion
- Fee selection buttons added or removed, rates changed on the fly

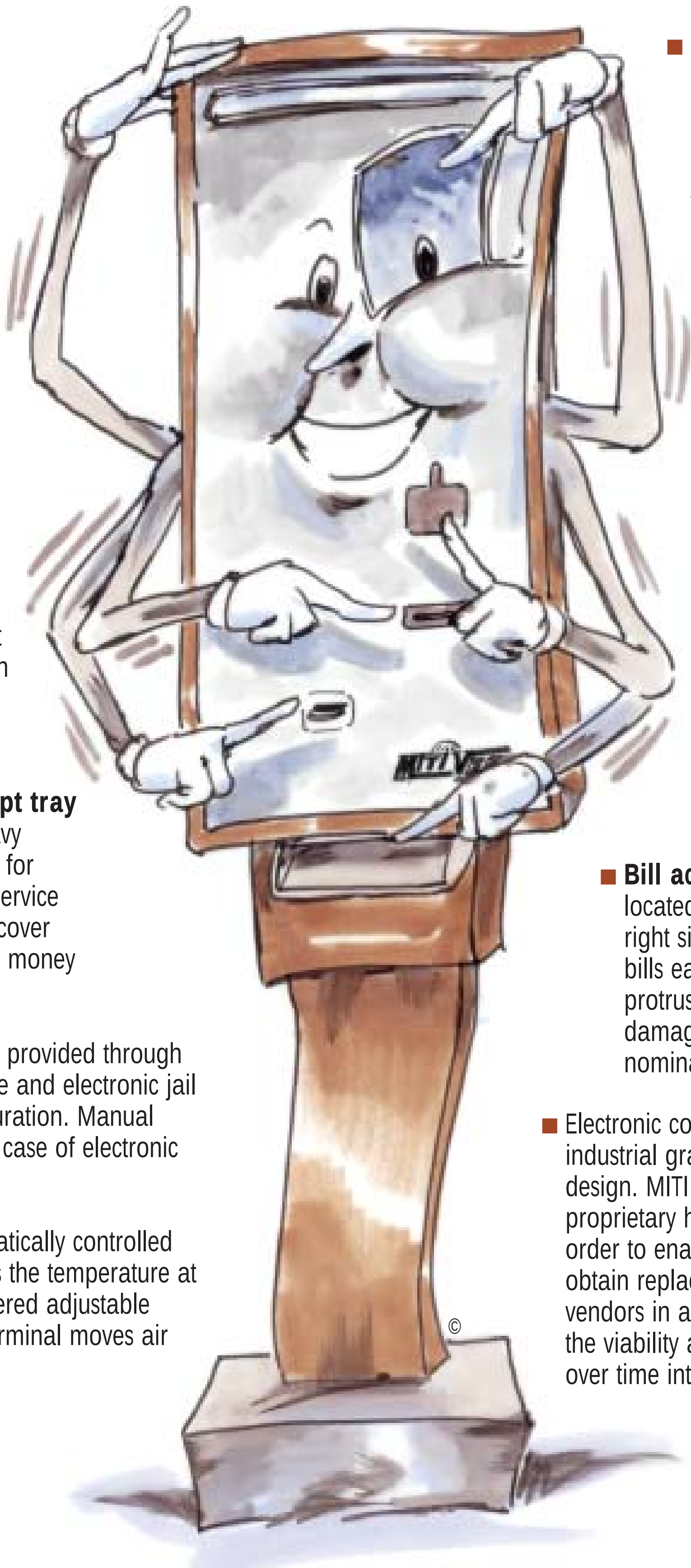
Looking Ahead

MITI continues its work-in-progress on this innovative program and will continue to expand the capabilities of the software package. These subsequent capabilities and features will be downloadable into your MITI-Vend® terminal as they emerge, and at nominal or no cost.



Durability & Design

The Automated Iron Rangers® are specifically engineered to handle the rugged environment in which they are placed. This includes all weather conditions and placement as a stand-alone device in both covered and non-covered/protected locations outside. They can be placed inside as well. See accompanying specifications for details.

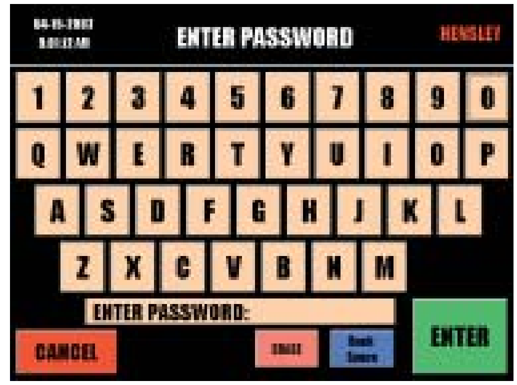


- A **four-way pitched roof**, with rain gutter at front, sheds water or snow away from user.
- Cases are constructed of heavy gauge, die-formed steel with rounded, ergonomic corners.
- **Coin acceptor/changer** has coin return button to clear jammed coins and Quick-Clear coin chute, unique to MITI. Chute will vent out liquids and prevent them from reaching the coin acceptor/changer.
- **Change and receipt tray** is constructed of heavy gauge stainless steel for durability and long service life. Hinged Lexan® cover protects receipts and money from elements.
- Resistance to forced entry is provided through the unique door, door frame and electronic jail cell lock design and configuration. Manual backup entry is provided in case of electronic failure.
- In cold weather, a thermostatically controlled fan-forced heater maintains the temperature at operational levels. A dampered adjustable vent fan at the top of the terminal moves air up and out.
- **Stainless steel pull-out/down locking cover** for out-of-service/season applications and vandalism prevention.
- **Single panel touch screen** instead of troublesome fee selection buttons. Displays large icon buttons and text for easy selection and alpha-numerical input.If damaged, this component can be economically and quickly replaced.
- **Credit card reader** is recessed to minimize damage and provide smart card key access. A log will show who accessed the terminal, when, and what actions took place. Facilitates custom parks cards.
- **Bill acceptor/validator**, located on the lower middle right side, makes feeding of bills easy. Bezel has minimal protrusion at door face and, if damaged, can be replaced at nominal cost.
- Electronic components are modular, industrial grade, and of the best third-party design. MITI takes pride in minimizing its proprietary hardware wherever possible in order to enable you, as well as us, to easily obtain replacement parts from third-party vendors in a timely manner. This ensures the viability and repairability of the terminal over time into the future.

Unique Smart Card Key Security/Entry - Validation System

The MITI-Vend® terminals come standard with an electronic jail cell door locking mechanism which activates only through the use of a smart card key and onscreen password. If opened forcibly, the terminal's shock and/or door-closed sensor system will activate an onboard siren alarm and simultaneously dial to a preset list of phone numbers to alert appropriate personnel and/or alarm company. Additionally, the shock sensor can be set to actuate a verbal announcement to "cease and desist or a ranger will be called." If the activity continues, the voice messaging can ratchet up in tone and simultaneously call the ranger on duty for assistance, and optional camera will take photos. This feature is fully adjustable and configurable.

The case's heavy gauge die-formed steel combined with interior side walls of aluminum will discourage attempts of entry with torches and power tools. The LCD is the thickest layered component of the terminal, comprised of Lexan® polycarbonate, glass, and steel, making it the toughest point from which to attempt entry. The sealed terminal base/bottom prevents entry through the pedestal. A pull-out-down stainless steel "after hours"/"out of service" cover prevents access to the terminal's face, deterring use or vandalism.







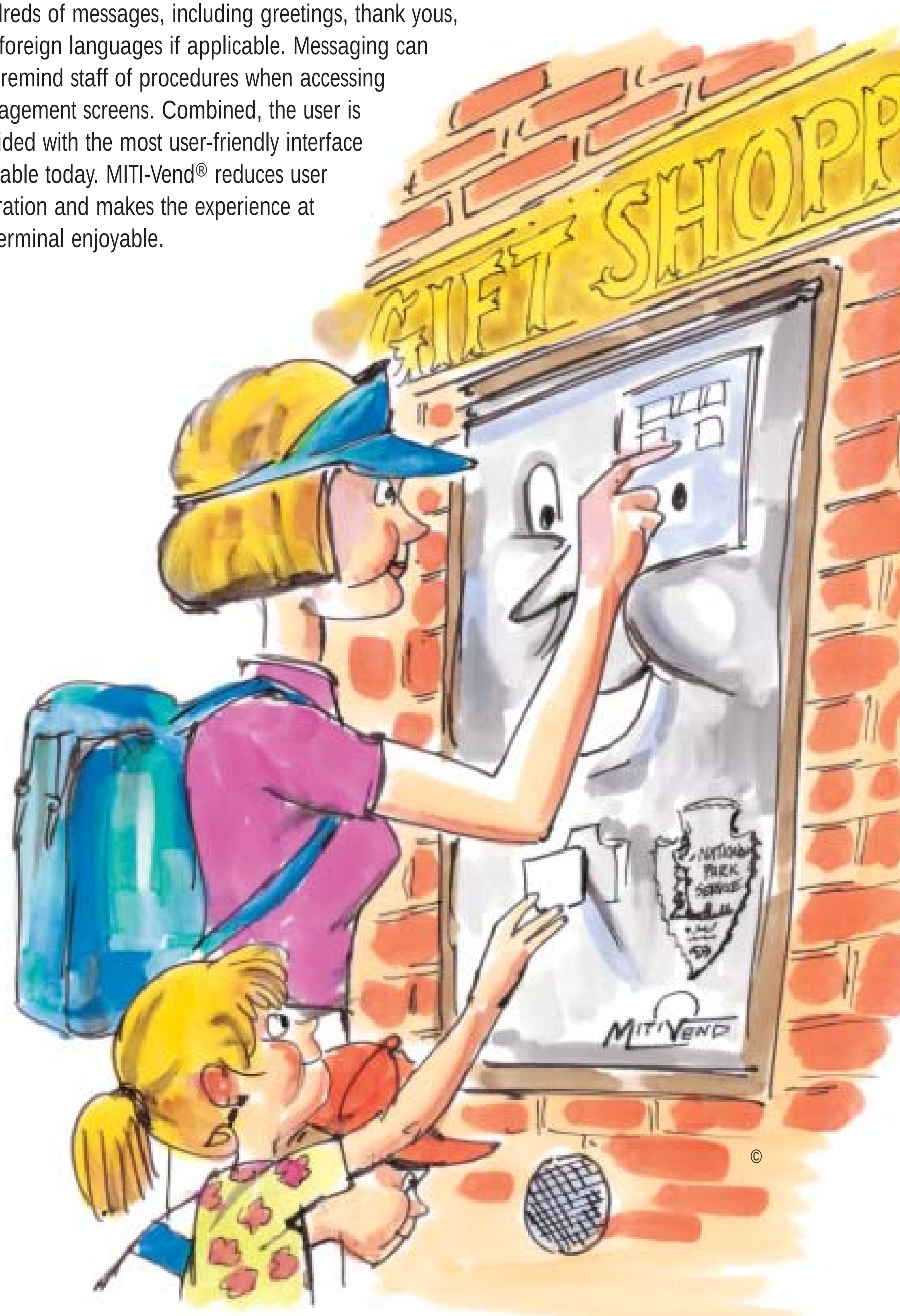
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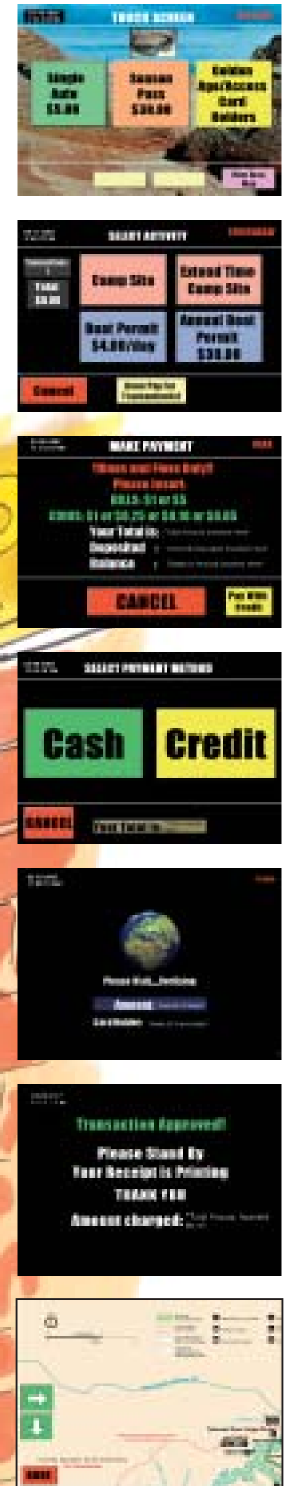
MITI VEND INNOVATIVE TERMINALS FOR THE 21ST CENTURY

Full Color Touch-Screen/Sound User Interface Sets New Standards

Unique only to MITI-Vend™ Automated Iron Ranger® is the most user-friendly patron/management interface available on the market today. The system can display simple to complex fee structures, maps, photos, information screens and informational videos. This system provides an 8.4” Sunlight Readable Color TFT LCD, protected from impact and weather by a modular/replaceable clear polycarbonate touch screen panel. This panel makes input of data by patron, ranger or host quick and easy.

To ensure that the user understands what is displayed on-screen, voice prompting is provided. This voice prompting is not merely a few messages, it is hundreds of messages, including greetings, thank yous, and foreign languages if applicable. Messaging can also remind staff of procedures when accessing management screens. Combined, the user is provided with the most user-friendly interface available today. MITI-Vend® reduces user frustration and makes the experience at the terminal enjoyable.



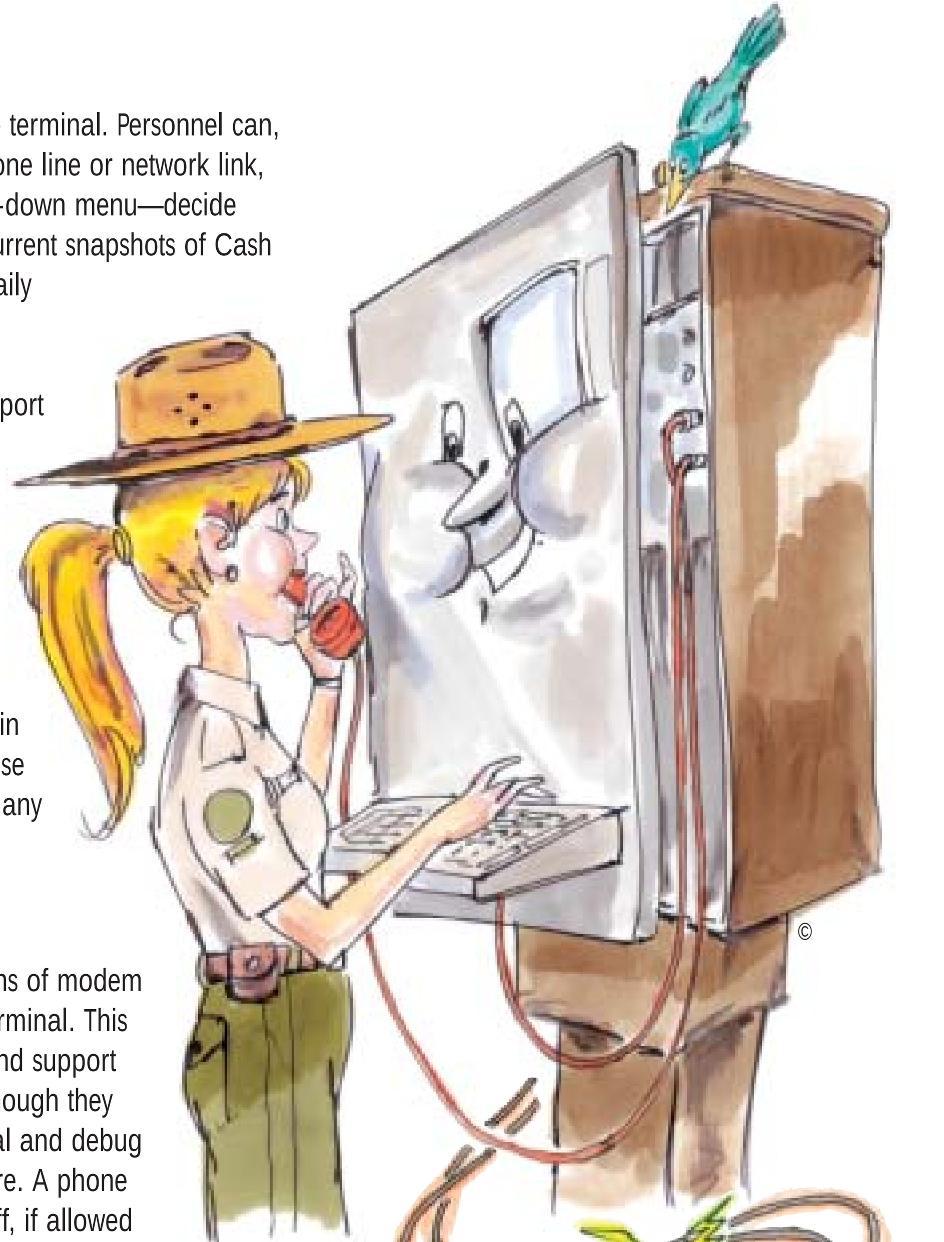


TYPICAL PAYMENT SCREENS

MITIVEND
INNOVATIVE TERMINALS FOR THE 21ST CENTURY

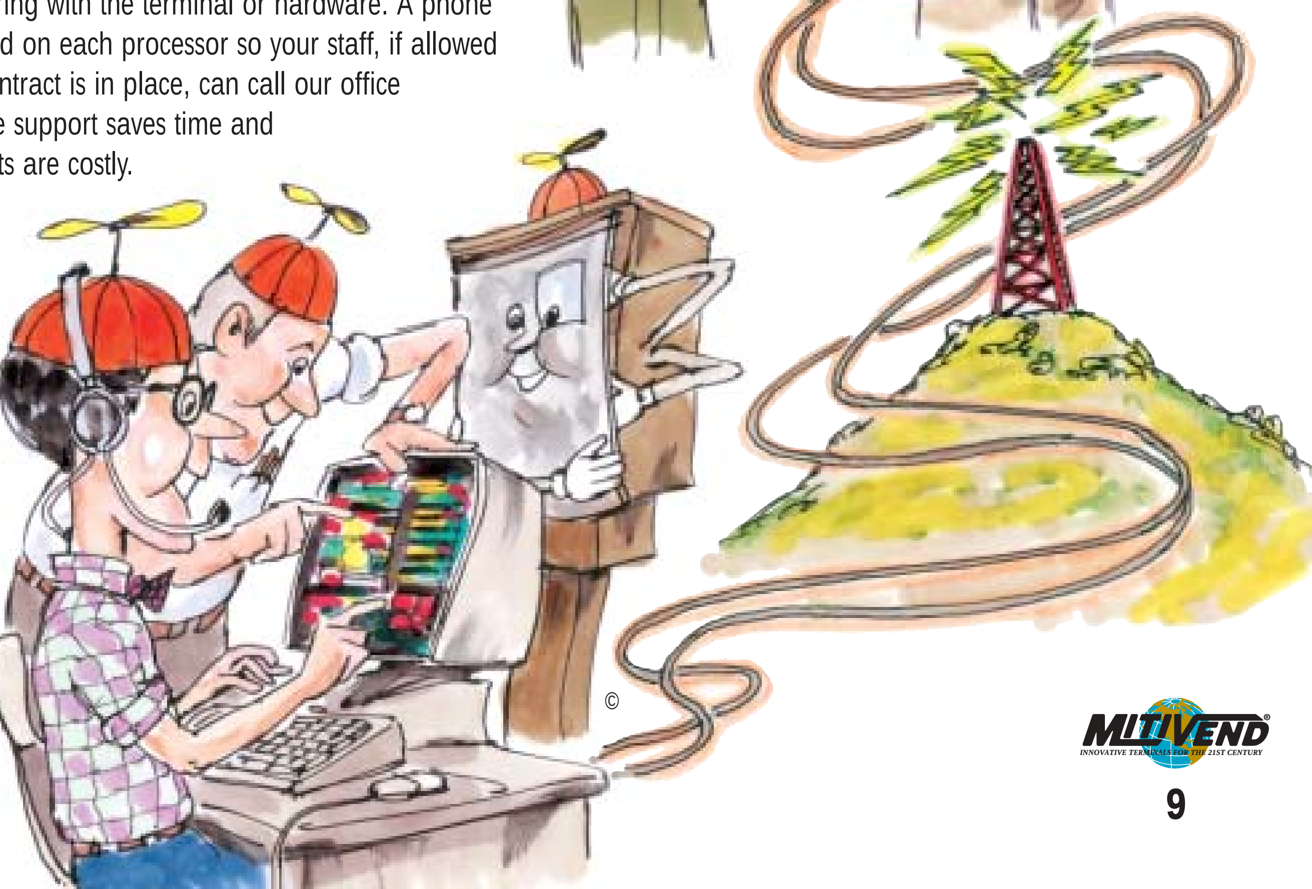
Communications

MITI provides easy and fast communication with the terminal. Personnel can, via a modem on their office PC and hard-wired phone line or network link, dial into the terminal and—from a convenient drop-down menu—decide which reports to download. These reports include current snapshots of Cash Collection and Revenue Reports, Machine Status, Daily Transactions, Year-To-Date Transactions and Cash Collection-To-Cash Collection Transaction data. Personnel may use the snapshot Cash Collection Report to determine if there is sufficient money in the terminal to warrant a Cash Collection. The Machine Status Report shows any issues that would necessitate personnel's presence at the terminal. Personnel can load the Year-To-Date and Cash Collection-To-Cash Collection reports, which are in comma-separated variable format, into a spreadsheet program and generate custom reports in an instant. Where phone service is not available these reports can be written to a floppy at the terminal at any time and taken to the office.



Remote Support

MITI provides optional on-line support also by means of modem and hard-wired phone line or network link to the terminal. This feature provides the means for our programming and support staff to access your terminal and aid your staff as though they were on-site. MITI can also connect with the terminal and debug any problem occurring with the terminal or hardware. A phone jack is also provided on each processor so your staff, if allowed and if a support contract is in place, can call our office for support. Remote support saves time and money. On-site visits are costly. Remote servicing is affordable and minimizes frustration.



Local Support

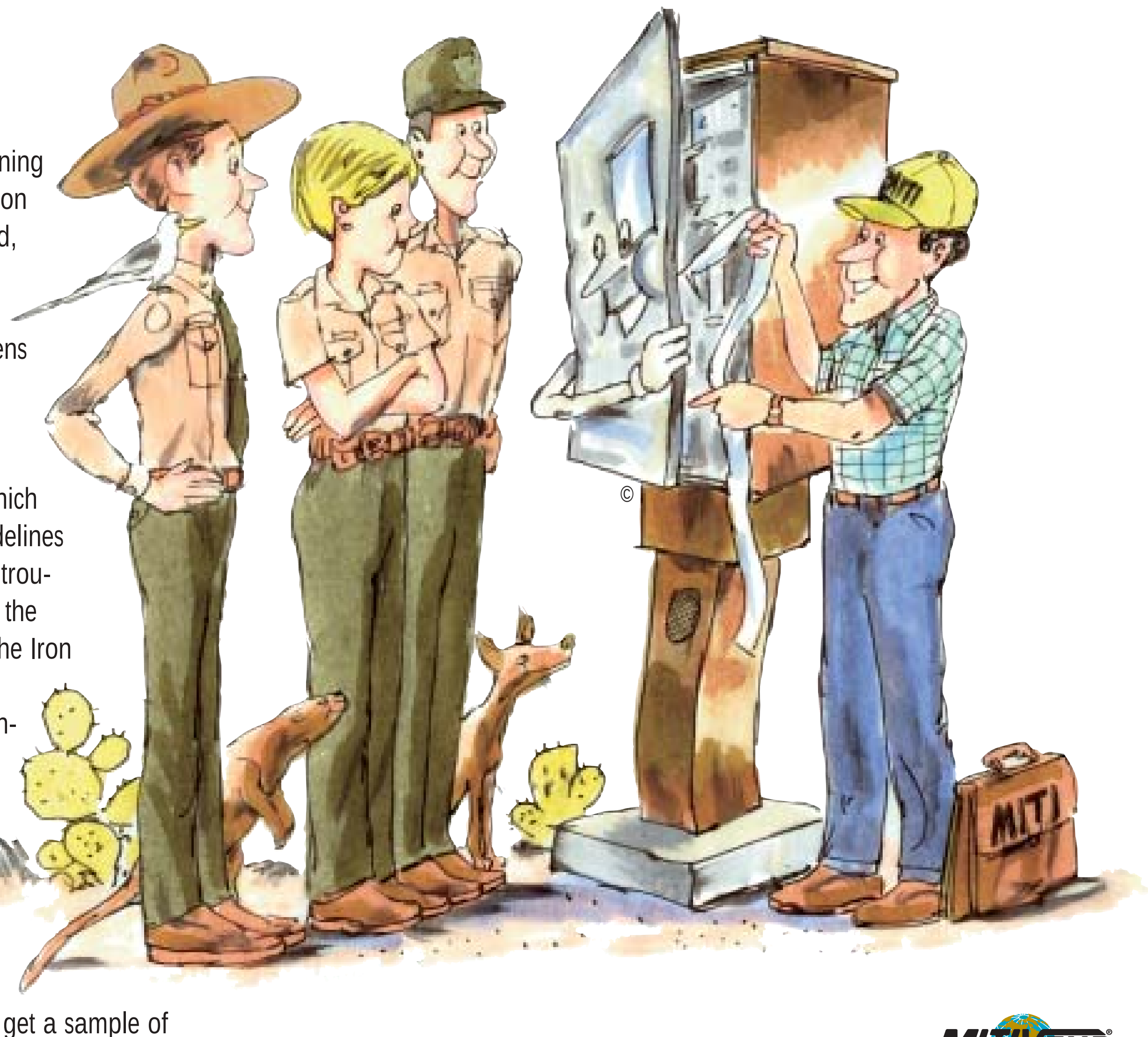
The MITI-Vend® is specifically designed to enable personnel to handle local support. Training seminars are held annually at MITI to bring staff up to speed on all components, repair and service procedures. Initial training is also conducted on-site during installation, and at subsequent scheduled factory service visits, which can be contracted in advance. Personnel can readily and easily handle servicing of terminals themselves in conjunction with on-line support from the factory. This will save many dollars for costly on-site service.



Servicing Means

The first servicing method is by means of direct support online by phone/ modem from the terminal through on-site staff. If a problem occurs, call our support number from the terminal and gain immediate or scheduled support enabling you in most cases to handle the situation and remedy the problem at that time. If a phone line is not available to the terminal, simply contact us by office phone for direct factory support. The second servicing method is through on-site demand or scheduled servicing. The key to being successful with self servicing is having a properly configured spares package on hand. This enables you to change out any defective device and get up and running immediately. Then the defective or damaged component can be sent in for repair/replacement. Keep in mind that the MITI-Vend® is an extension of the office PC, with payment devices attached and in an enclosed remote vault.

Training



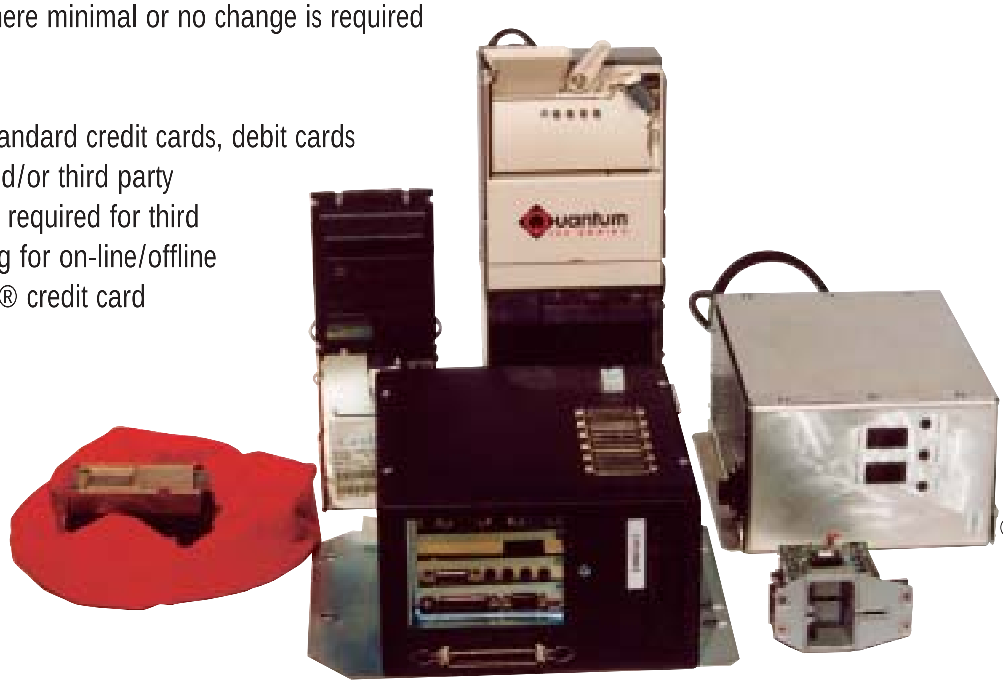
MITI Manufacturing offers comprehensive on-site training during installation of the Iron Ranger. We furnish detailed, full-color software documentation manuals which show the exact screens that patrons and park personnel will be using.

Also provided is a detailed service manual which contains maintenance guidelines along with diagnostic and troubleshooting techniques for the hardware components in the Iron Ranger. Periodically, MITI offers valuable factory training for in-depth hands-on study of the Iron Ranger. Participants enjoy meeting other park personnel and strengthening their relationship with MITI's personnel. As an added bonus, participants get a sample of the diverse beauty of Western Colorado.

Fee Collection Means

The MITI-Vend® terminal's Fee Collection Acceptance programming is very unique and differs greatly from the competition. First, it allows a patron to make multiple selections under one session at the terminal. Second, the terminals can be set to determine which denomination of bill is allowable for any given transaction type. This enables acceptance of a larger denomination bill for certain transactions, and a higher amount of change for the transaction when desirable.

- Accepts USA Bills $1, $5, $10, $20, $50 & $100. Bill acceptance can be customized.
- All bills are stacked in lockable metal cash cassette when accepted, which holds up to 1000 bills. High-end bill validator/acceptor has low rejection rate and will accept worn and slightly frayed edges or damp but not saturated bills.
- Accepts and dispenses USA coins $.05, $.10, $.25, $1.00 and/or tokens. Four-tube coin acceptance can be customized by changing tubes in the coin acceptor to desired denominations, extending acceptance and change capabilities.
- Additional change-vending capability for MV-1 units by means of a high-end stainless steel quarter/dollar hopper. The smaller MV-2 units are deployed where minimal or no change is required and do not utilize the coin hopper.
- Smart/Magnetic Card Reader accepts standard credit cards, debit cards and will read magnetic driver license and/or third party proprietary cards (custom programming required for third party card read). Dependable processing for on-line/offline acceptance of credit cards is by ICVerify® credit card processing software.
- Accepts bar code receipts/permits for extending campsite time and voucher receipts vended by the terminal for any out-of-change situations. Bar code functionality can be customized to accept park cards bearing bar code.



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Spares

A properly configured spares package is a must for any location to insure continuous operation. The spares package should consist of at least one each:

- Power supply
- Bill validator
- Coin acceptor/changer
- Smart/Credit card reader
- Processor, if multiple terminals are installed or budget allows.
- Coin bag

TIP: *Consider the value of collections to determine if spares should be purchased to avoid being down for a few days if next-day mail service has to be relied upon. Normal turnaround for repairs is 3-5 working days by next-day mail service, longer for ground.*

Let us add your logo to our growing list of happy clients.

US Army Corps of Engineers®

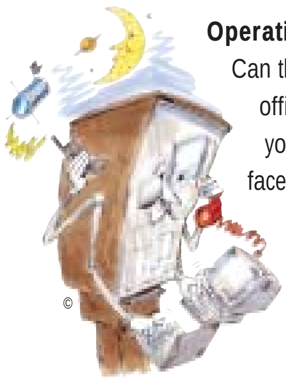
NATIONAL PARK SERVICE

COLORADO STATE PARKS

MITIVEND® INNOVATIVE TERMINALS FOR THE 21ST CENTURY

SELECTION TIPS

When selecting an Automated Fee Terminal Machine (AFTM), one should consider what features and capabilities are required today, as well as what will be required in the future. Primary things to consider:



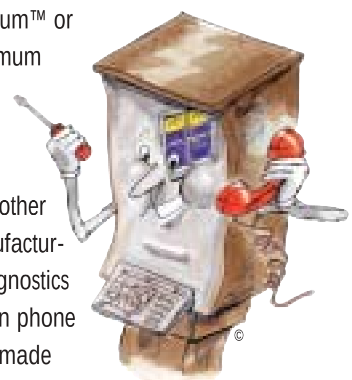
Operational System Platform Questions

Can the Terminal readily interface with your office PC? Can data pass from Terminal to your PC by modem or network? Will it interface easily with third party vendor's handhelds, cellular and RF links or satellite?

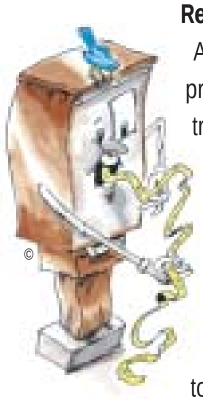
Only MITI-Vend® can!

Operational System Processor Questions

Type, data storage size and speed, program platform, remote on-line support: Does the system have Pentium™ or higher processor? What is the maximum data storage size and how is data stored? What is the speed of data transfer? Is the program platform a Licensed MS Windows™ product or other proprietary product? Does the manufacturer provide direct online support/diagnostics from the factory to the terminal upon phone request? Can program changes be made online to the terminal from the factory?



Only MITI-Vend® can!



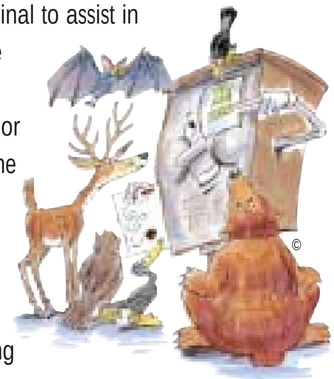
Reports, Data Transfer Means, Format Questions

Are customized remit reports available? Are reports provided which separate credit card and cash transactions? Can data be transferred at the terminal to built-in disk drive (floppy or optional zip), to receipt, by modem/network to your desktop PC? Is the data file format compatible with your office PC's accounting/spreadsheet software without complicated conversion? Is data available in easy-to-export CSV file format? Is manufacturer willing to provide customized data reports/setup at nominal or no cost? Will they change programming or modify screens after delivery without hassle, if requested?

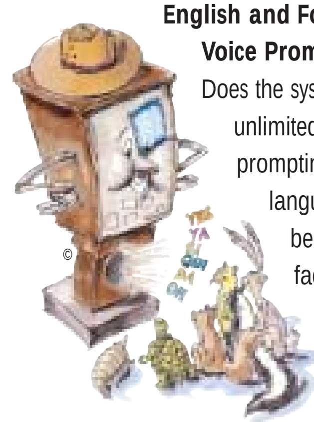
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Rate/Screen Changes, Display Type & Capabilities Questions

Can user make rate changes, add or subtract button icons at will from PC, and is factory on-line with terminal to assist in requests to facilitate on-line change on-the-fly as requested? Is screen user-friendly and does it display color text in ¾-inch format or larger for the sight impaired? Can photographs be displayed along with maps and video? Can full keyboard be displayed on-screen to facilitate easy alphanumeric input for entering license plate numbers, name etc.?



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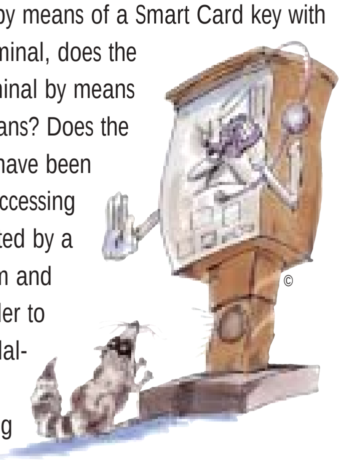
English and Foreign Language Voice Prompting Questions

Does the system allow for virtually unlimited and customized voice prompting messages in numerous languages, and can these messages be changed at will on-line by the factory as needs change? Can additional languages be added seamlessly by download?

Only with MITI-Vend®!

Security video camera capabilities Questions

Is the door electronically accessed by means of a Smart Card key with password? When accessing the terminal, does the software log who accessed the terminal by means of a Smart Card key, or by any means? Does the terminal record what cash devices have been removed/replaced when staff are accessing the terminal? Is the terminal protected by a shock sensor linked with siren alarm and (optional) video camera and recorder to record attempts at break-in or vandalism? Can a photograph be taken (optional) of each patron purchasing a use fee? Can the terminal's camera take front view wide angle photographs of area in front of terminal on scheduled basis? Can terminal call security or alarm company and log attempt at break-in or vandalism? Can photos be accessed remotely online?



Only with MITI-Vend®!



Construction & Source Questions for Major Components

Is the terminal manufactured of heavy-gauge die-formed steel with internal double wall sidewalls of steel or aluminum? Is a higher bullet resistant inner sidewall/LCD design available at nominal additional cost? Does the terminal have insulation and if so what is the "R" factor rating? Is the door hinge constructed of hidden stainless steel sleeve with non-galling brass, removable pin (facilitates quick removal for repair upgrade), or piano hinge design? Does the roof design shed water to all sides of the terminal from the peak and have a rain gutter built in at the front where patrons access the fee screen? Can the terminal truly boast "made in the USA" or are the majority of key components brought in and/or supported from overseas?

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Out Of Service After Hours Lockup Questions

Is a stainless steel pull-out/down locking cover provided as standard with the terminal?

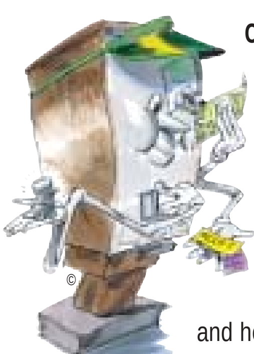
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Environmental Control Questions

Is full environmental control provided with the terminal through the processor? Is the exhaust fan a smart type (runs faster as heat builds, conserving power) and located at top of the unit where heat builds up? Is exhaust fan dampered for hot and cold weather? Is LCD fan cooled, heated or defrosted? Is processor and power supply fan cooled? Is a fan-forced high-output modular heater, controlled through processor, provided? Are weep holes provided at bottom of terminal for moisture from condensation to escape? Is the terminal insulated?

Only MITI-Vend™is!



Cash/Credit Card Collection Questions

Will the terminal vend change and is it configurable for different types of transactions, such as more or less change allowed? Does the system come standard with a sealed lockable cash collection system, or is this an add-on cost? Does the bill acceptor accept bills from $1-$100 denomination, and hold 1,000 bills? Does it accept bills faced either up or down? Will it accept frayed-edged or damp (not saturated) bills? Can a chip be readily changed by the owner to facilitate changes in currency at a nominal cost? Does the coin acceptor have four changeable coin tubes for custom configuration of coin acceptance and change vending? Is the credit card reader of smart card/magnetic card acceptance design? Will it read and write to smart cards? Can the system be optionally programmed to accept/read-write to third party smart card/magnetic cards or other? Can the system optionally read magnetic drivers licenses and extract data for automatic fee payment screen input?

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Training Seminars, Installation, Service & Support Questions



Does the factory provide factory direct training seminars for installation, service and support? Is factory direct support available? If provided by distributor, what is assurance that said distributor will stay with the line and maintain support? What is the distributor's/factory's backup position in the event the distributor disappears from the scene? Are extended service and warranty terms available? Are scheduled, on-demand, on-site, and remote service programs offered? Are parts discounts provided under service contracts or other?

Only with MITI-Vend™!

Spares Questions

Spares are required with any terminal make or model to ensure that your system can be maintained, serviced and kept running at all times. Vandalism and electronic component failure require immediate attention, and having spares on hand helps to ensure continuous operation. Make sure to request a quotation for a spares package and recommendations as to the number and type of spares recommended.

Upgrades/Warranty Questions

Will factory provide, at no cost, replacements/upgrades on products that it later determines to be of poor design or quality? Will factory provide at deep discounted price upgrades for new innovations to your terminals in subsequent years to help keep your terminal up to date and compatible with new product?

Only MITI-Vend™will!

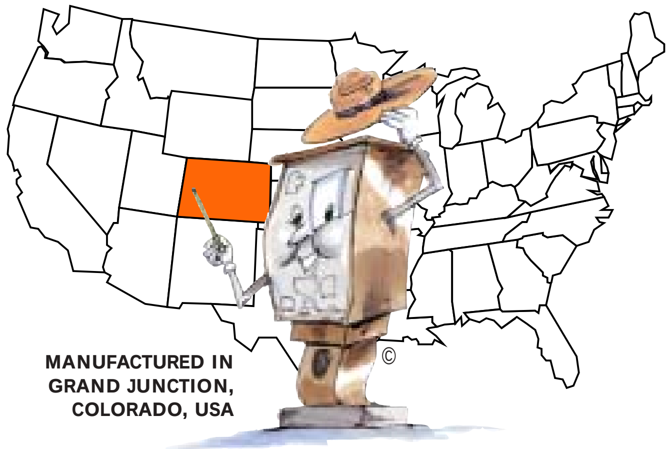


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INNOVATIVE TERMINALS FOR THE 21ST CENTURY

Move up to quality...move up to MITI



- **MITI-Vend®** leads the park and recreation industry with innovative Pentium™-based "Automated Iron Ranger"™ fee collection terminals and programming which are built and configured specifically for user-fee collection requirements for today and into the future. Many features are patented, which makes the design and performance advantages uniquely MITI's. US Patent # 6,505,744 B1
- **MITI-Vend®** offers a unified "Automated Iron Ranger™" design system in manufacturing, a commonality of parts and component interchangeability incorporated throughout the MITI-Vend™ series of terminals product line.
- **MITI-Vend®**'s product specifications, expandable hardware and software platform, designed for the 21st century, speak for themselves.
- **MITI-Vend®** provides unparalleled on-line, direct to/from the terminal, factory service support which reduces your down time and minimizes service repair charges over time. On-site training and annual factory training seminars are provided to insure that your staff can readily maintain the operation of the terminal.
- **MITI-Vend®** uses durable primer and coating, non-toxic, non-hazardous, powder coating for superior rust and corrosion protection and for long service life.
- **MITI-Vend®** enjoys exclusivity, as it is the only Pentium™-based use fee collection system in the world and it's built just for you and your Park or Recreational Facility.

WE URGE YOU TO COMPARE MITI-VEND'S PERFORMANCE AND VALUE WITH OTHER COMPETITIVE PRODUCTS AND FIND OUT FOR YOURSELF WHY MITIVEND IS #1!



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